Index of Claims

| Application/ | Control | No. |
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10/829,235

Thong Q. Le

Examiner

Applicant(s)/Patent under Reexamination

OHTSUKA ET AL.

Art Unit

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|--------------|----------|----------|-------------------------------|--------------|-----------------|-----------------|---------------------|----------|--------------|-----|-------|----------|-----------------|----------|----------|---------|---------|-----------|-----------------|-----------|------|-------|------------|----------------------|----------------------|--------------|--------------------------------------|--|----------|-----------|-----------|
| <b> </b> _   | <u></u>  | ıδ       |                               |              |                 |                 |                     |          | ::           |     | _     | <u> </u> |                 | l        | İ        | İ       |         |           |                 |           |      | _     | ᡖ          |                      |                      | İ            | İ                                    |  |          |           |           |
| Final        | Original | 2/15/05  |                               |              |                 |                 |                     |          |              |     | Final | Original |                 |          |          |         |         |           |                 |           | :::: | Final | Original   |                      |                      |              |                                      |  |          |           | .         |
| L            | ō        | 2        |                               |              |                 |                 |                     |          |              |     | щ     | ō        |                 |          |          |         |         |           |                 |           | :::: | u.    | ō          |                      |                      |              |                                      |  |          |           |           |
|              | 1        | 1        | +                             | +            | $\vdash$        |                 | $\vdash \vdash$     | +        | -            |     |       | 51       | Н               | $\dashv$ | -+       | ╬       | +       | ┼         |                 |           |      |       | 101        | $\dashv$             |                      | ╁            | ╁                                    | Н  | $\dashv$ |           | $\dashv$  |
|              | 2        | ò        | -                             | +            | -               | Н               | $\vdash$            | $\dashv$ | - :          |     |       | 52       | Н               | -+       | +        | ╁       | +       | $\vdash$  |                 |           |      |       | 102        |                      |                      | ╁╌           | -                                    |  |          | $\dashv$  | $\dashv$  |
| ├            | 3        | 0        | -                             | +-           | -               | Н               | -                   |          | - :          |     |       | 53       | Н               |          | +        | ╁       | +       | $\vdash$  | H               | $\dashv$  |      |       | 103        | $\vdash$             |                      | ╁            | -                                    | Н  | $\dashv$ | $\dashv$  | ᅱ         |
| $\vdash$     | 4        | =        |                               | +-           | 1               | Н               |                     | _        | 1            |     |       | 54       | H               | _        | $\dashv$ | +-      | +-      | T         | H               | $\dashv$  |      |       | 104        |                      | _                    | +-           | -                                    |  |          | $\dashv$  | $\dashv$  |
|              | 5        | =        |                               | +            | 1               | М               | $\Box$              |          | 1            |     |       | 55       | П               | $\neg$   | $\dashv$ | +       | $\top$  | T         | $\Box$          |           |      |       | 105        |                      | -t-                  | +            |                                      |  | $\neg$   | 7         | ヿ         |
|              | 6        | =        |                               | T            |                 |                 |                     |          |              |     |       | 56       | П               |          |          |         | T       |           | П               |           |      |       | 106        |                      |                      | T            | 1                                    |  | ヿ        | ヿ         | $\exists$ |
|              | 7        | =        |                               |              |                 |                 |                     |          |              |     |       | 57       |                 |          |          |         |         |           |                 |           |      |       | 107        |                      |                      |              |                                      |  |          |           |           |
|              | 8        | =        |                               |              |                 |                 |                     |          |              |     |       | 58       |                 |          |          |         |         |           |                 |           |      |       | 108        |                      |                      |              |                                      |  |          |           |           |
|              | 9        | =        |                               | $\perp$      |                 |                 |                     |          | _            |     |       | 59       |                 |          |          | $\perp$ |         |           |                 |           |      |       | 109        |                      |                      |              |                                      |  |          |           |           |
| L            | 10       | =        |                               | ┸            |                 |                 |                     |          | _ ::         |     |       | 60       |                 | _        |          | _       | _       |           |                 |           |      |       | 110        |                      |                      | $\perp$      |                                      |  |          | _         |           |
|              | 11       | =        |                               | $\perp$      | _               |                 |                     |          | _[:          |     |       | 61       | Щ               |          | _        | _       | 4       |           |                 | Ш         |      |       | 111        | $\Box$               | $\bot$               | $\perp$      | ╙                                    |  |          | _         | _         |
|              | 12       | =        | $\vdash$                      | +-           | ↓_              | Ш               | $\sqcup$            | _        | 4            |     |       | 62       | Щ               | $\dashv$ | $\dashv$ | $\perp$ | $\bot$  | $\vdash$  | Щ               |           |      |       | 112        |                      |                      | 4            | ├                                    | _  | $\perp$  | _         | $\dashv$  |
|              | 13       | =        | $\vdash$                      | 4            | $\vdash$        | $\vdash \vdash$ | $\vdash \vdash$     |          | 4            |     |       | 63       | Щ               | _        | 4        | _       | +-      | 1         | -               | _         |      |       | 113        | $\vdash \downarrow$  | - -                  | 4-           | <del> </del>                         | <b> </b>   |          | $\dashv$  | 4         |
|              | 14       | =        | $\vdash$                      | +            | $\vdash$        | Н               | $\vdash \vdash$     | -        | 4            |     |       | 64       | $\vdash \vdash$ |          | 4        | +       | +-      | $\vdash$  |                 | $\dashv$  |      |       | 114        | $\vdash \vdash$      | - -                  | +            | ⊢                                    | <u> </u>   | $\dashv$ | $\dashv$  | ᅴ         |
| <u> </u>     | 15       | =        | $\vdash$                      | +            | $\vdash$        | $\vdash\vdash$  | H                   | -        | 4            |     |       | 65<br>66 | $\vdash$        |          | +        | -       | +-      | ╀         |                 | $\dashv$  |      |       | 115        | $\vdash \vdash$      | -                    | +            | $\vdash$                             | $\vdash$   | $\dashv$ | $\dashv$  | $\dashv$  |
| -            | 16<br>17 | =        | $\vdash$                      | +            | $\vdash$        | Н               | $\vdash \vdash$     | -+-      | -            |     |       | 67       | $\vdash$        | -        | +        | +-      | +-      | +-        |                 |           |      |       | 116<br>117 | $\dashv$             |                      | +-           | +-                                   |  |          | $\dashv$  | $\dashv$  |
|              | 18       | =        | $\vdash$                      | +            | ╫┈              | Н               | ┢╌┼                 |          | -            |     |       | 68       | Н               | $\dashv$ | $\dashv$ | +       | +       | +         | $\vdash$        | $\dashv$  |      |       | 118        | $\dashv$             | +                    | +-           | ╂                                    | H  |          | $\dashv$  | $\dashv$  |
|              | 19       | =        | $\vdash \vdash$               | +            | $\vdash$        | Н               | $\vdash$            | +        | -            |     |       | 69       | Н               | $\dashv$ | +        | ╁       | ╁       | +-        | $\vdash$        |           |      |       | 119        | $\vdash$             | +-                   | +            | $\vdash$                             | $\vdash$   |          | $\dashv$  | $\dashv$  |
|              | 20       | ⊢        | $\vdash$                      | +            | $\vdash$        | -               | ╁┼                  | -+       | - :          |     |       | 70       | $\vdash$        |          | $\dashv$ | +       | +       | +         | Н               | $\dashv$  |      |       | 120        |                      | +                    | +            | +-                                   | ┢  |          | -         | $\dashv$  |
|              | 21       |          | $\vdash$                      | +            | $\dagger$       |                 | $\vdash$            | $\dashv$ | -            |     |       | 71       |                 |          | -        | _       | +-      | +         | Н               |           |      |       | 121        |                      | $\dashv$             | +            | ╁                                    | <del>                                     </del> | $\neg$   | $\dashv$  | $\neg$    |
|              | 22       | Н        | $\vdash$                      | $\top$       | T               | $\vdash$        | H                   | 十        | 7            |     |       | 72       | М               | _        | $\dashv$ | $\top$  | $\top$  | T         | П               |           |      |       | 122        |                      | +                    | +            |                                      | ┢  | $\dashv$ | $\neg$    |           |
|              | 23       |          |                               | 1            | ⇈               |                 |                     | $\neg$   | 7:           |     |       | 73       |                 |          | 寸        | ┪       | $\top$  | Т         | П               |           |      |       | 123        |                      |                      | 十            | T                                    |  | $\Box$   | ヿ         |           |
|              | 24       |          |                               | _            |                 |                 |                     |          | <b>-</b>  :: |     |       | 74       |                 |          |          | $\top$  |         |           |                 |           |      |       | 124        |                      |                      | T            |                                      |  |          |           |           |
|              | 25       |          |                               |              |                 |                 |                     |          | _            |     |       | 75       |                 |          |          |         | Т       |           |                 |           |      |       | 125        |                      |                      |              |                                      |  |          |           |           |
|              | 26       |          |                               |              |                 |                 |                     |          | ]:           |     |       | 76       |                 |          | $\Box$   |         | L       |           |                 |           |      |       | 126        |                      |                      | $oxed{oxed}$ |                                      |  |          | $\Box$    |           |
|              | 27       | 匚        | ot                            | $\perp$      | $oxed{oxed}$    | Ш               | Ш                   |          | _ :          |     |       | 77       | Ш               |          |          |         | $\perp$ |           |                 |           |      |       | 127        |                      |                      | $\perp$      | <u> </u>                             |  |          | _         |           |
|              | 28       | _        |                               |              |                 | Ш               | Ш                   | _        | _ :          |     |       | 78       |                 |          |          |         |         | <u> </u>  |                 |           |      |       | 128        |                      |                      | _            | <u> </u>                             |  |          |           |           |
|              | 29       | _        | $\perp$                       | _            | $oxed{igspace}$ |                 | $\sqcup$            | _        | 4            |     |       | 79       |                 |          | 4        | _       |         | <u> </u>  |                 |           |      |       | 129        |                      |                      | $\bot$       | _                                    |  |          | $\dashv$  |           |
|              | 30       | <u> </u> |                               | -            | ↓_              | Ш               | <b>-</b>            |          | 4            |     |       | 80       | _               | $\perp$  | 4        | $\perp$ | $\bot$  | _         | Ш               |           |      |       | 130        | $\Box$               | -                    | +-           | ╙                                    | _  |          | $\dashv$  | _         |
|              | 31       | _        | $\perp$                       | +            | ╄               | $\sqcup$        | $\vdash$            | _        | 4:           |     |       | 81       | Ш               | $\dashv$ | -        | +       | +-      | -         | -               |           |      |       | 131        | -1                   | -                    | ╀            | ╀                                    |  | _        | _         | -         |
|              | 32       | $\vdash$ | -                             | +            | $\vdash$        | $\vdash$        | $\vdash \vdash$     | +        | -4:          |     |       | 82<br>83 | $\vdash$        | -        | +        | +       | +       | +         | $\vdash \vdash$ | -         |      |       | 132<br>133 | $\dashv$             |                      | +            | ╀                                    | $\vdash$   | $\vdash$ | $\dashv$  | $\dashv$  |
| _            | 33<br>34 | ├-       | $\vdash$                      | +            | $\vdash$        | Н               | $\vdash \vdash$     | +        | 4            |     |       | 84       | $\vdash$        | $\dashv$ | $\dashv$ | +       | +       | $\vdash$  | $\vdash$        |           |      |       | 133        | H                    | +                    | ╁            | +                                    | -  |          | ᅱ         | $\dashv$  |
|              | 35       | $\vdash$ | -                             | +            | +               | $\vdash$        | $\vdash$            | +        | -            |     |       | 85       | Н               | $\dashv$ | $\dashv$ | +       | +       | +         | $\vdash$        | -         |      |       | 135        | $\dashv$             | +                    | +            | +                                    | $\vdash$   | -        | $\dashv$  | $\dashv$  |
|              | 36       | H        | $\vdash$                      | +            | $\vdash$        | $\vdash$        | $\vdash \vdash$     | $\dashv$ | 4            |     |       | 86       | $\vdash$        |          | $\dashv$ | +       | +       | $\dagger$ | $\vdash \vdash$ | $\dashv$  |      |       | 136        | $\vdash$             | $\dashv$             | +            | $\vdash$                             | $\vdash$   |          | $\dashv$  | $\dashv$  |
|              | 37       | ┢        | $\vdash \vdash$               | +            | +-              | $\vdash$        | $\vdash$            | +        | -            |     |       | 87       | $\vdash$        | $\dashv$ | $\dashv$ | +       | +       | +         | $\vdash$        | $\dashv$  |      |       | 137        | $\vdash$             | $\dashv$             | +            | $\vdash$                             | <del>                                     </del> | $\dashv$ | $\dashv$  |           |
|              | 38       | $\vdash$ | $\vdash$                      | $\top$       | $\vdash$        | Н               | $\vdash$            | $\dashv$ | ٦.           |     |       | 88       | Н               | $\dashv$ | $\dashv$ | +       | $\top$  | †         | $\vdash$        | $\dashv$  |      |       | 138        | $\vdash$             | $\top$               | +            | $\vdash$                             | $\vdash$   |          | $\dashv$  | $\dashv$  |
|              | 39       |          |                               | $\top$       | $\top$          | П               | $\sqcap$            | 一        | 1            |     |       | 89       | П               |          | $\top$   | $\top$  | T       |           | П               |           |      | -     | 139        | П                    |                      | 1            | Τ                                    | Г  |          | $\dashv$  | $\exists$ |
|              | 40       |          |                               | T            | 1               | П               | $\Box$              | $\top$   | ٦            |     |       | 90       |                 |          | $\dashv$ |         | ┪       | T         | П               |           |      |       | 140        | П                    | $\neg \uparrow \neg$ | 1            | 1                                    | Γ  |          | $\exists$ | ╗         |
|              | 41       |          |                               |              |                 |                 |                     |          |              |     |       | 91       |                 |          |          |         | I       |           |                 |           |      |       | 141        |                      |                      | $oxed{oxed}$ |                                      |  |          | $\Box$    |           |
|              | 42       |          |                               | $oxed{oxed}$ |                 |                 |                     |          |              |     |       | 92       |                 |          |          | I       | $\perp$ | $\Box$    |                 |           |      |       | 142        |                      |                      | $oxed{L}$    |                                      |  |          |           |           |
|              | 43       | L        |                               |              |                 |                 | П                   |          | _]::         |     |       | 93       |                 |          |          |         |         |           | $\Box$          |           |      |       | 143        |                      |                      |              |                                      |  |          |           |           |
| <u> </u>     | 44       | <u> </u> | $\sqcup \! \! \! \! \! \perp$ |              | $\perp$         | Ш               | $\Box$              |          | _ :          |     |       | 94       | Щ               | Ц        | $\perp$  |         | $\perp$ |           | Ш               | Ш         |      |       | 144        | Ш                    |                      | $\bot$       | $\perp$                              |  | $\Box$   | $\Box$    |           |
|              | 45       | <u> </u> | $\sqcup \bot$                 | $\bot$       | $\vdash$        | Ш               | $\sqcup$            | _        | _            |     |       | 95       | Щ               |          | $\perp$  | $\bot$  | $\perp$ | 1_        | Ш               | Ш         |      |       | 145        | $\sqcup$             | $\perp$              | 1            | ļ                                    | <u>L</u>   | Ш        | [         |           |
|              | 46       | <u> </u> | $\vdash$                      | 4            |                 |                 | $\vdash$            | _        | 4            |     |       | 96       | Щ               | $\Box$   | -        | +       | +       | ╀         | $\sqcup$        | Щ         |      |       | 146        | $\mid \perp \mid$    | $\perp$              | 4            |                                      | <u> </u>   | Щ        | _         | _         |
|              | 47       | $\vdash$ | $\vdash \vdash$               | +            |                 | Н               | $\vdash \vdash$     | +        | 4            |     |       | 97       | Н               |          | $\dashv$ | +       | +       | ╄-        | $\vdash$        | $\square$ |      |       | 147        | Щ                    | -                    | +            | ┼                                    | $\vdash$   | Ш        | 4         | _         |
| <u> </u>     | 48       | ├        | $\vdash \vdash$               | +            | $\vdash$        | Н               | $\vdash \downarrow$ | +        | 4            |     |       | 98       | $\vdash$        |          | $\dashv$ | +       | +       | ┼         | $\vdash$        | $\square$ |      |       | 148        | $\vdash \vdash \mid$ |                      | +            | ┼                                    | ├  | Щ        |           |           |
| <del> </del> | 49<br>50 | ⊢        | $\vdash$                      | +            | +               | $\vdash$        | $\vdash$            | +        | -            |     |       | 99       | $\vdash$        | $\vdash$ | $\dashv$ | +       | +       | ╀╌        | $\vdash$        | $\vdash$  |      |       | 149        |                      |                      | +            | +                                    | ├  | $\vdash$ |           | $\dashv$  |
| Щ_           | 1 20     |          | oxdot                         |              | 1               | ш               | 1                   | L        | _]∷          | ::: |       | 100      | $\Box$          |          |          |         |         |           |                 | الب       | :::: |       | 150        | Ш                    |                      |              | ــــــــــــــــــــــــــــــــــــ | <u> </u>   | Ш        |           |           |